SONY

3-786-958-21 (1)

FM Stereo/FM-AM Receiver

STR-GX4ES
STR-GX5ESII

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located at the rear. Record these numbers in the spaces provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

Photo: STR-GX5ESII

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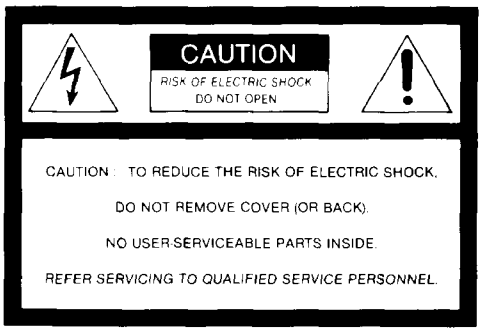
WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Note to CATV system installer:

This reminder is provided to call the CATV system installer's attention to Article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Table of Contents

Getting Started

- **Outline** 4
- **Precautions** 4
- **Installing** 5
- **Connecting the system** 6
  - Notes on connection 6
  - Audio connection diagram 6
  - Connecting the speakers 7
  - Connecting the AM antenna 7
  - Connecting the FM antenna 8
  - Connecting the antenna ground 8
  - Connecting a turntable system 9
  - Connecting a CD player 9
  - Connecting a tape deck 9
  - Connecting a DAT (Digital Audio Tape) deck 10
  - Connecting a graphic equalizer, etc. 10
  - Connecting the remote control system 11
  - Connecting the AC power 11
  - VCR and TV connection diagram 12
  - Connecting a VCR 13
  - Connecting a monitor TV (STR-GX5ESII only) 13
  - Connecting a video disc player, etc. (STR-GX5ESII only) 13
- **Parts Identification** 14
  - RM-U90 remote commander 16

Using Your Receiver

- **Audio adjustment** 18
- **Receiving FM/AM broadcasts** 19
  - Tuning in an FM station automatically—Automatic Tuning 19
  - Tuning in an FM/AM station manually—Manual Tuning 20
  - Memorizing a station 20
  - Tuning in a preset station 21
- **Listening to program sources other than broadcasts** 22
- **Recording on an audio tape** 23
  - Recording 23
  - Tape dubbing 23
- **Video tape editing** 24
  - Video tape dubbing 24
  - Adding new sound to a video tape during editing 24

Getting into the Details

- **Specifications** 25

Troubleshooting

- **Troubleshooting guide** 26

Quick Reference

- **Quick reference** ..... Back cover

Outline

The STR-GX4ES or STR-GX5ESII is combined receiver and audio/video controls in. The unit allows you to switch easily among a variety of audio/video programs.

Amplifier section

- These receivers have a spontaneous twin drive power circuit, ensuring a stable and high quality output without power interference.
- A source direct switch is employed to reproduce high fidelity sound (STR-GX5ESII only).
- The front panel adaptor switch facilitates the selection of the equipment connected to the rear panel adaptor jacks.
- A variety of audio program sources can be added to a video tape during tape editing (STR-GX5ESII only).

Tuner section

- Precise tuning is obtained thanks to the quartz-locked digital synthesizer system.
- A total of 30 FM/AM stations can be preset in 3 memory pages (A, B and C).

Remote commander

- The remote commander controls the receiver and connected equipment from a distance.

Precautions

On safety

- Operate the unit only on 120 V AC, 60 Hz.
- Should any solid object or liquid fall into the cabinet, unplug the unit and have it checked by qualified personnel before oparating it any further.
- Unplug the unit from the wall outlet if it is not to be used for an extended period of time. To disconnect the cord, pull it out by grasping the plug. Never pull the cord itself.
- One blade of the plug is wider than the other for the purpose of safety and will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, contact your dealer.

On operation

- Before making program source connections, be sure to turn the power switch off and unplug the unit.
- When the unit is not used, turn the power off, to conserve energy and to extend the useful life of your unit.

On cleaning the cabinet

Clean the cabinet, panel and controls with a soft cloth lightly moistened with mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent such as alcohol or benzine.

For detailed safety precautions, see the "IMPORTANT SAFEGUARDS" leaflet.

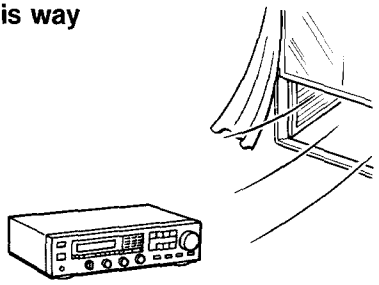
If you have any question or problem concerting your unit, please consult your nearest Sony dealer.

Installing

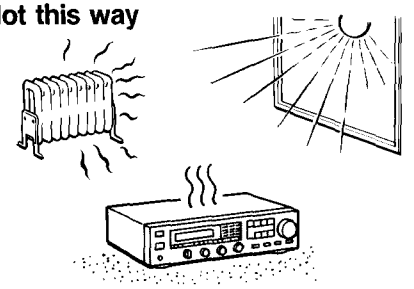
Notes on Installation

Place the unit in a location with adequate air circulation to prevent internal heat build-up in the unit.

This way



Not this way



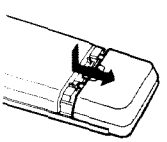
Do not install the unit:
— near heat sources such as radiators or air ducts.
— in a place subject to direct sunlight, excessive dust, mechanical vibration or, shock.

Do not place anything on top of the cabinet. The top ventilation holes must be unobstructed for the proper operation of the unit and to prolong the life of its components.

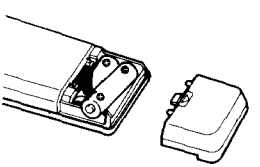
Installing Batteries

Before operating the remote commander install the batteries as shown.

1



2



two size "AA" (R6) batteries

Do not throw away the carton and packing material!
It will be an ideal container when transporting the unit for repair work, etc.

To avoid damage caused by battery leakage and corrosion
When the remote commander will not be used for a long time, remove the batteries.

On battery life
About half a year of normal operation can be expected when using Sony SUM-3(NS) batteries.
When the batteries are run down, the remote commander will not operate the unit. In this case, replace batteries with new ones.

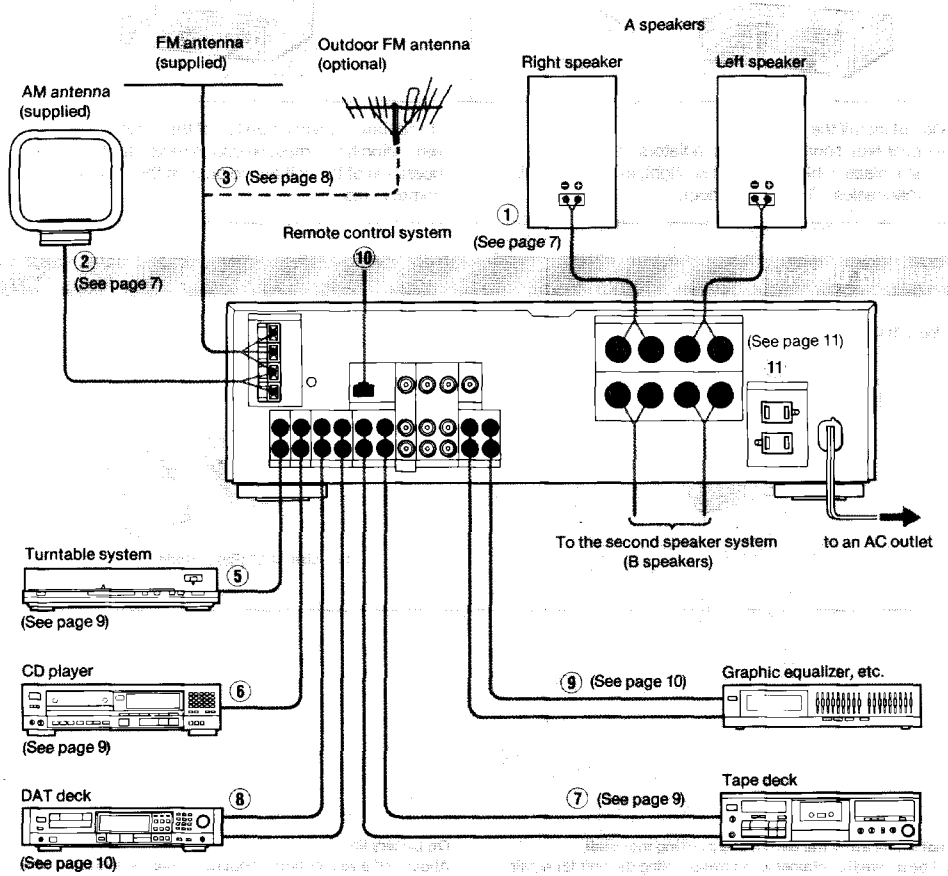
Connecting the System

Notes on Connection

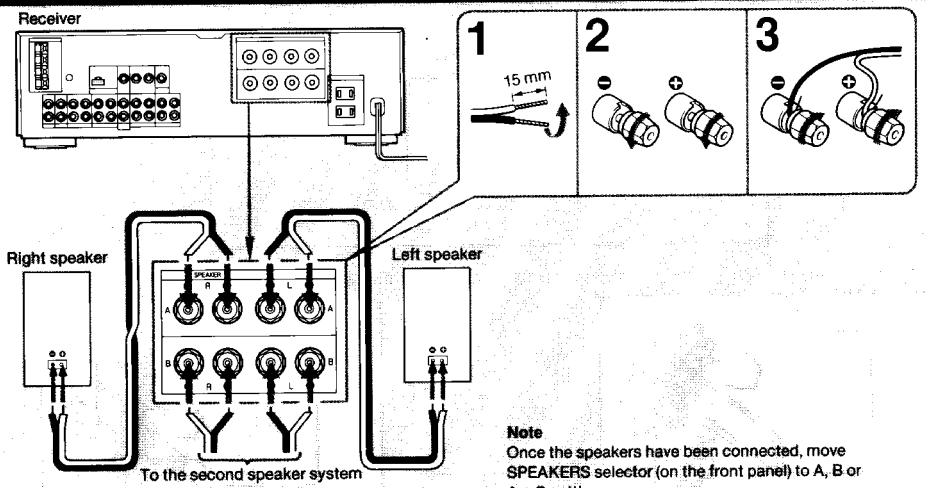
- The power cord should be connected last of all, after making sure that the SYSTEM POWER switch is turned off.
- The cable connectors should be fully inserted into the jacks. A loose connection may cause hum and noise.
- Cord plugs and jacks are color coded. The red plugs and jacks are to be connected to the right-channel (R) and white ones to the left-channel (L).

Audio Connection Diagram

The circled numbers correspond to the individual connecting diagram.



1 Connecting the Speakers

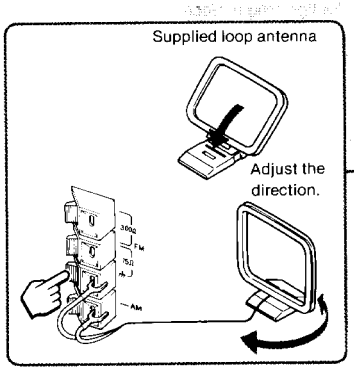


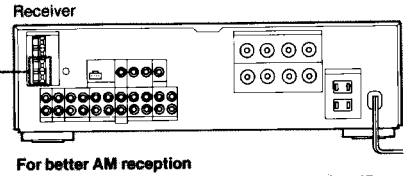
Speaker impedance and power capability
This receiver is designed to work best with speakers having nominal impedance from 8 to 16 ohms at rated 50 watts (STR-GX4ES) or 80 watts (STR-GX5ESII). RMS per channel with an 8 ohms load from 20 – 20,000Hz.

Note
Once the speakers have been connected, move SPEAKERS selector (on the front panel) to A, B or A + B setting.
When using the headphones, set the SPEAKERS selector to OFF.

Speaker systems A and B are series connected. No sound can be heard if the SPEAKERS selector is set to A + B when only one speaker system is connected.

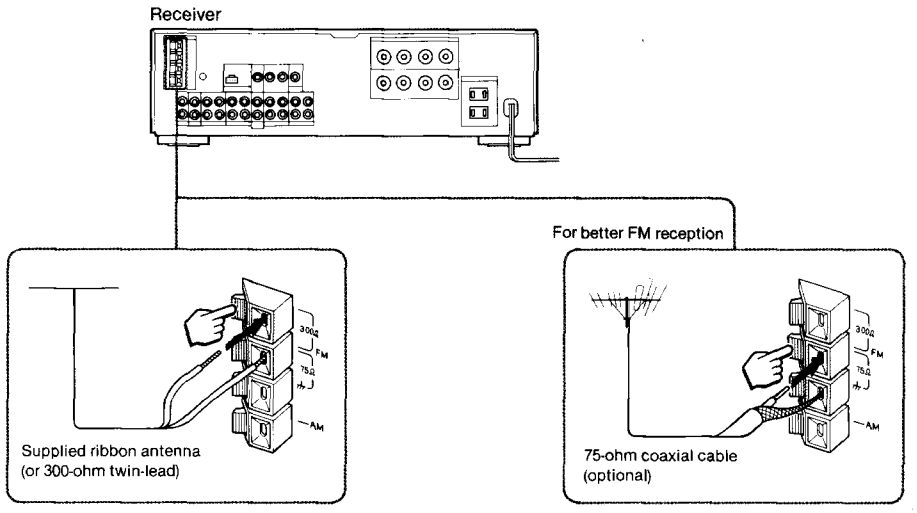
2 Connecting the AM Antenna





For better AM reception
In areas with troubled reception, connect a 6 to 15 meter (20 to 50 feet) insulated wire to the AM antenna terminal.
Extend this out of doors if possible, keeping the greater portion horizontal.
(There is no need to disconnect the supplied antenna.)

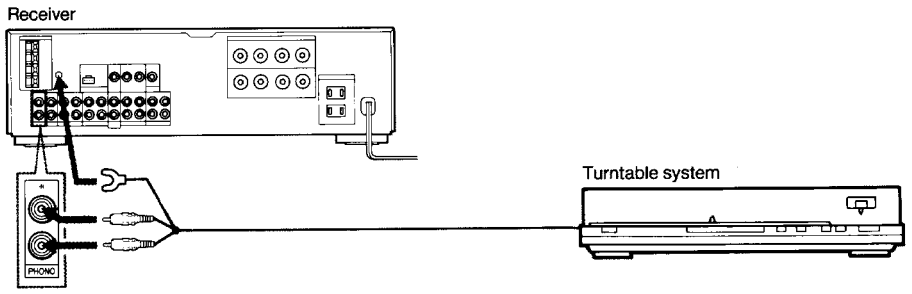
3 Connecting the FM Antenna



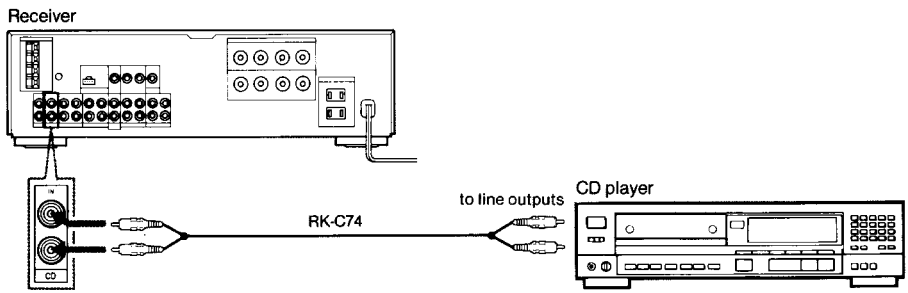
4 Connecting the Antenna Ground

To prevent hum, connect the ground wire to ANTENNA ground terminal (⏚).
When an outdoor antenna is installed, be sure to connect the ground wire for lightning protection.

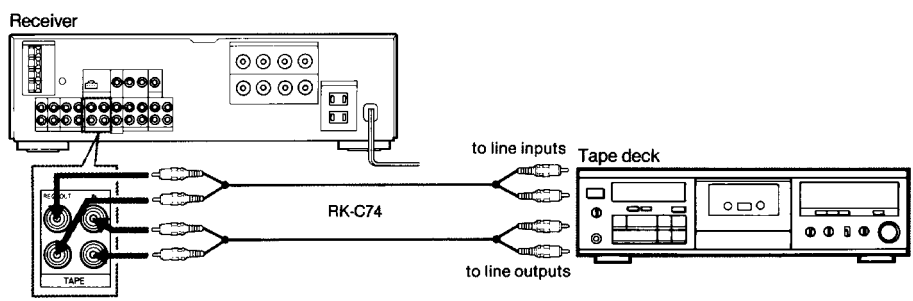
5 Connecting a Turntable System



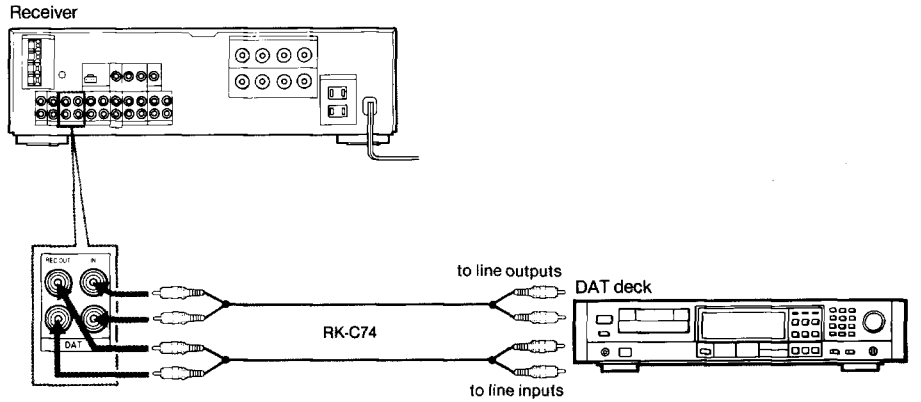
6 Connecting a CD Player



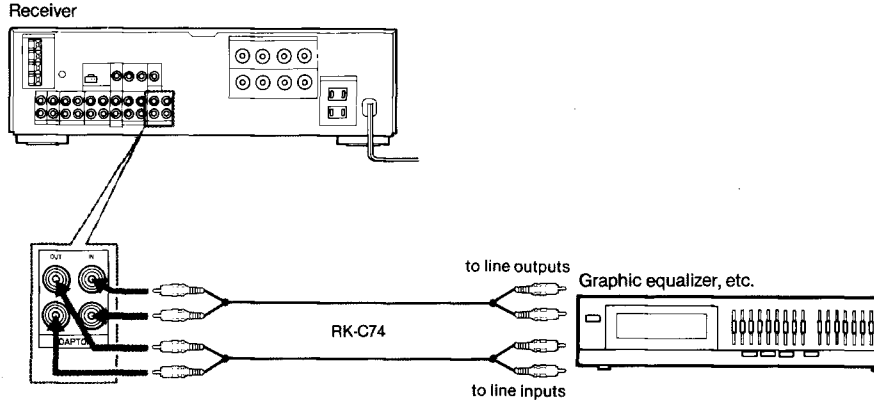
7 Connecting a Tape Deck



8 Connecting a DAT (Digital Audio Tape) Deck

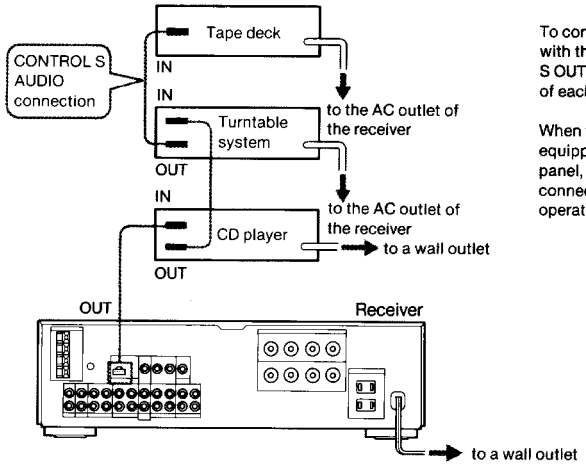


9 Connecting a Graphic Equalizer, etc.



10 Connecting the Remote Control System

Connection example

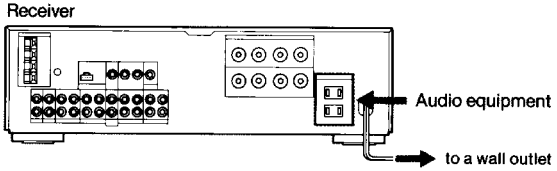


To control the equipment connected to the receiver with the remote commander, connect the CONTROL S OUT connector and the CONTROL S IN connector of each equipment as illustrated.

When the component, such as the CD player, etc., is equipped with a remote control sensor in the front panel, it is not necessary to connect the CONTROL S connectors and the supplied remote commander can operate the component directly.

11 Connecting the AC Power

Receiver



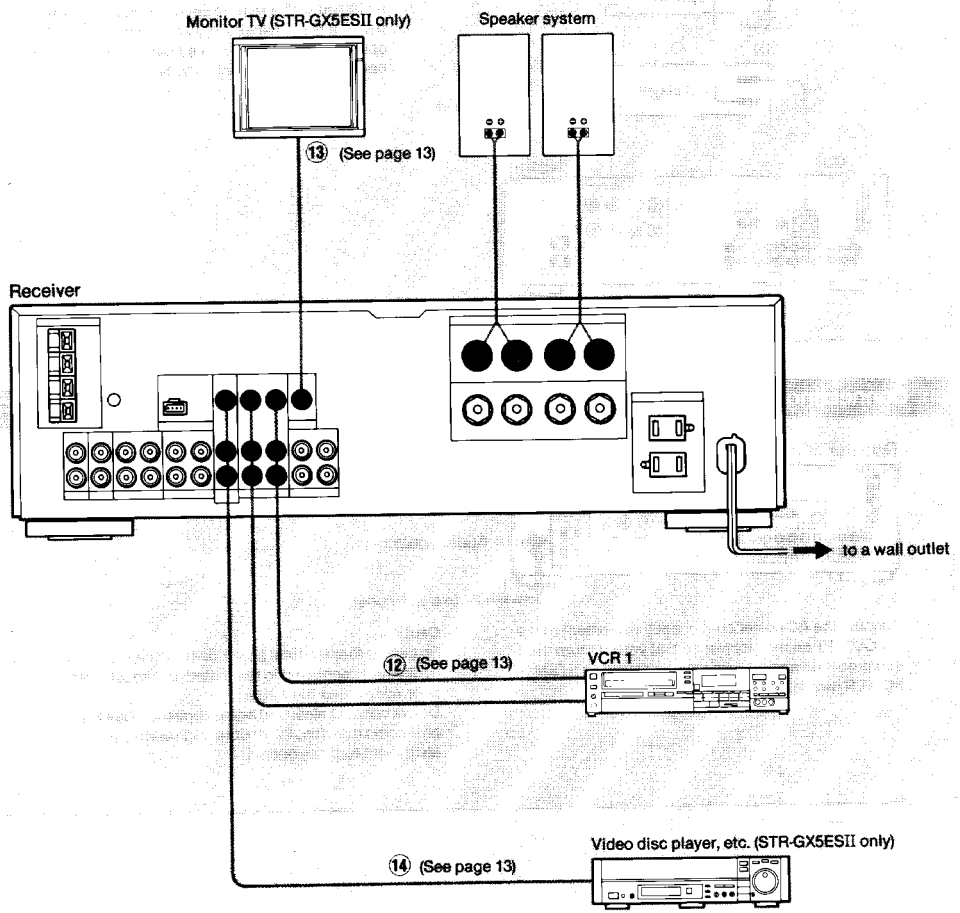
Connect the AC power cord of each equipment to the AC OUTLET on the receiver so that you can turn the equipment on and off using the receiver's SYSTEM POWER switch.

Caution
Be careful that the total power consumption of equipment connected to the outlets on the receiver does not exceed 100 watts.
Do not connect electrical home appliances such as an electric iron, fan, TV, or other high-wattage equipment to these outlets.

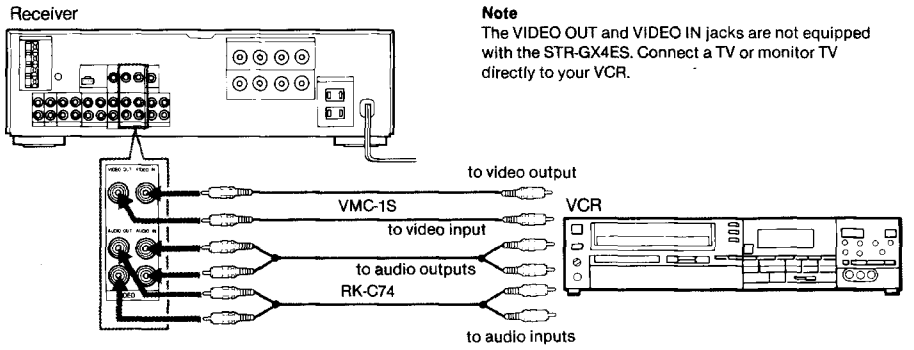
VCR and TV Connection Diagram

The circled numbers correspond to the individual connection diagram.

The video signal input/output jacks are only provided with the STR-GX5ESII. With the STR-GX4ES, only the audio signals of the VCR can be connected to the receiver.

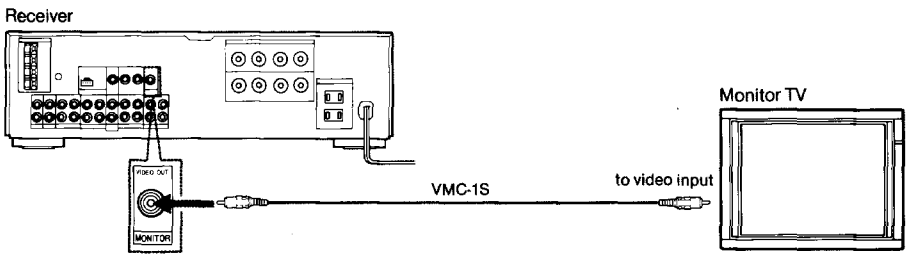


12 Connecting a VCR

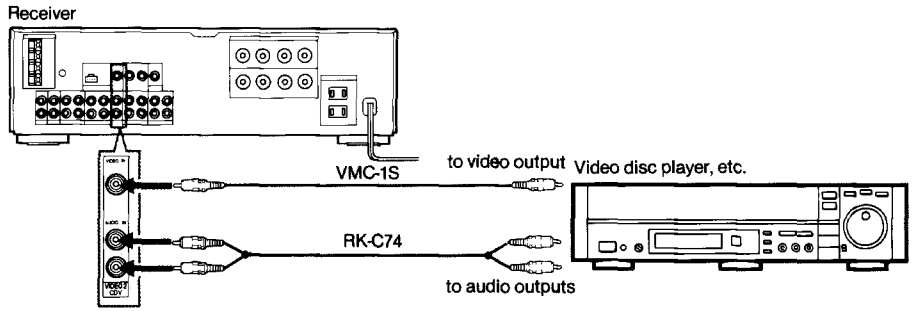


Note
The VIDEO OUT and VIDEO IN jacks are not equipped with the STR-GX4ES. Connect a TV or monitor TV directly to your VCR.

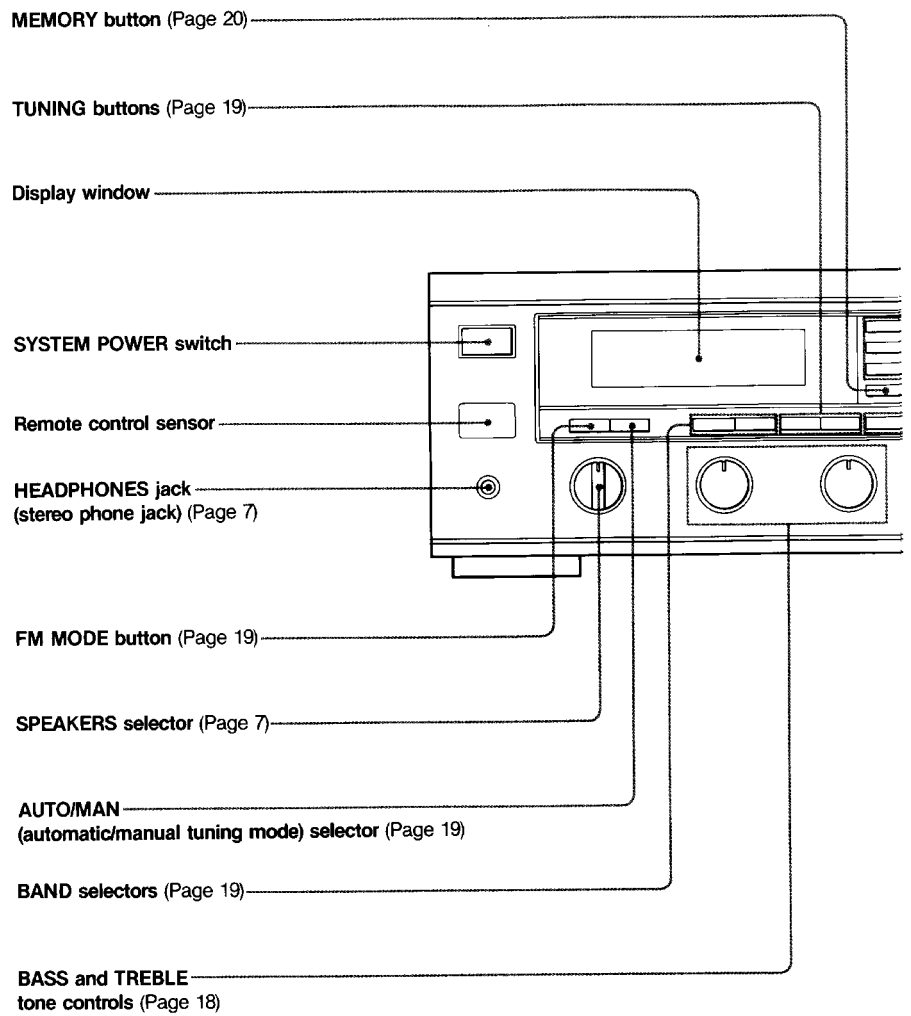
13 *Connecting a Monitor TV (STR-GX5ESII only)*

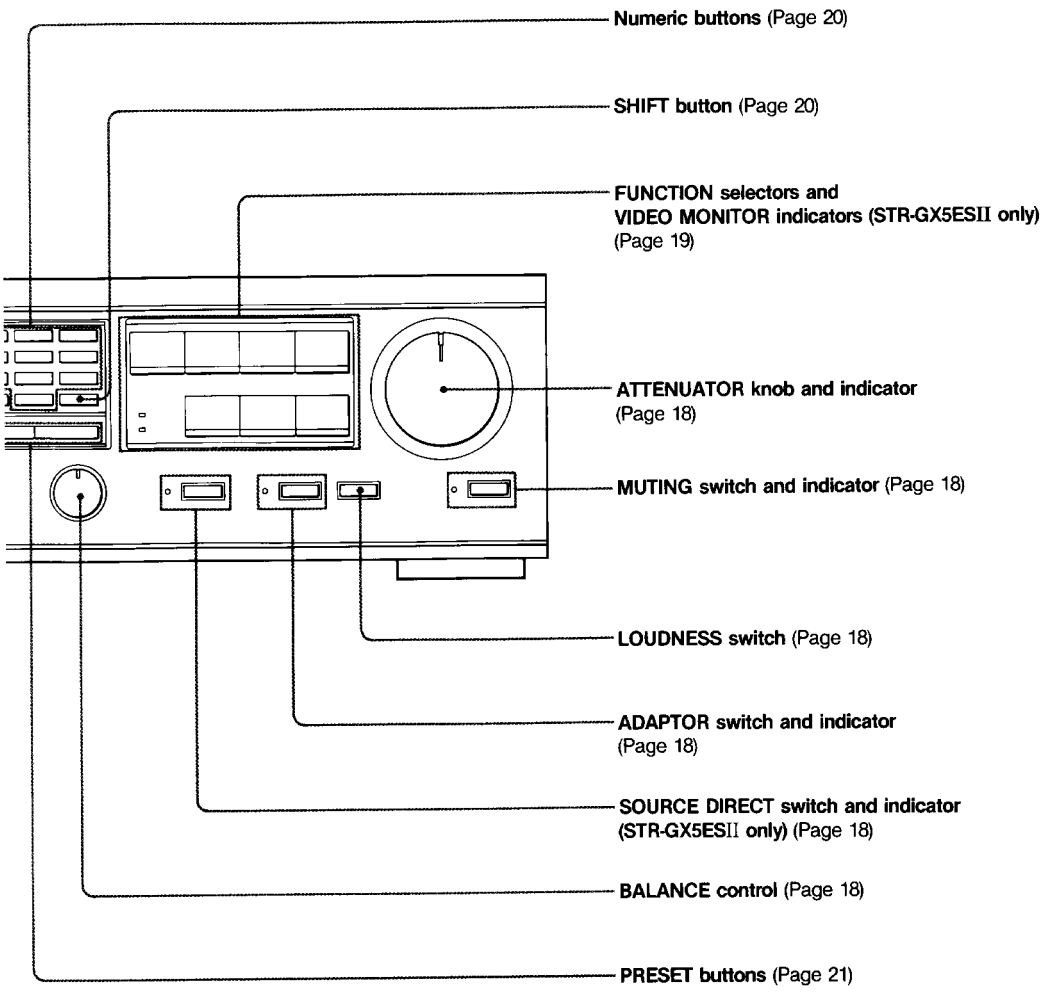


14 Connecting a video disc player, etc. (STR-GX5ESII only)

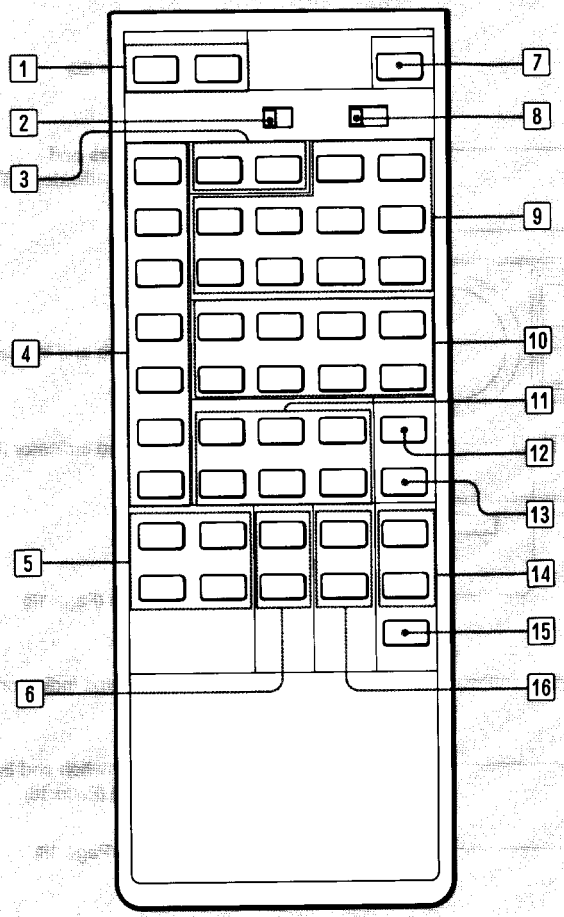


Parts Identification




Numeric buttons (Page 20)
SHIFT button (Page 20)
FUNCTION selectors and
VIDEO MONITOR indicators (STR-GX5ESII only)
(Page 19)
ATTENUATOR knob and indicator
(Page 18)
MUTING switch and indicator (Page 18)
LOUDNESS switch (Page 18)
ADAPTOR switch and indicator
(Page 18)
SOURCE DIRECT switch and indicator
(STR-GX5ESII only) (Page 18)
BALANCE control (Page 18)
PRESET buttons (Page 21)

Remote Commander RM-U90



1 TV/VTR POWER buttons
TV: Turns the power of the TV on or off.
VTR: Turns the power of the VCR on or off.

2 DECK selector
A: Selects the tape in a single-deck unit or the tape in the "A" deck of a double-deck unit.
B: Selects the tape in the "B" deck of a double-deck unit.

3 PHONO buttons
START: Starts record play.
STOP: Stops record play.

4 Function selectors

5 TV CH (channel) and VOL (volume) buttons
CH + : Selects a higher numbered channel.
CH − : Selects a lower numbered channel.

VOL + : Increases the TV sound level.
VOL − : Decreases the TV sound level.

6 VTR CH (channel) buttons
+ : Selects a higher-numberd channel.
− : Selects a lower-numberd channel.

7 POWER button
Turns off the power of the receiver on or off.

8 VTR selector
Used to select the type of the VCR.
1: Betamax VCRs
2: 8 mm VCRs
3: VHS VCRs

9 CD buttons
▶: Starts play.
❚❚: Pause
■: Stops play.
⏮/⏭: AMS (Automatic Music Sensor)
PGM: Program play.
DISC SKIP: Disc skip (for a CD player equipped with 5 disc trays)
REPEAT: Repeat play.
SHUFFLE: Shuffle play.
CONTINUE: Continuous play.

10 TAPE buttons
◀◀: Reverse fast winding
◀: Reverse play
▶: Forward play
▶▶: Forward fast winding
■: Stop
❚❚: Pause
●: Recording (While pressing ●, press ◀ or ▶)
○: Record muting

11 VTR buttons
◀◀: Rewind
▶: Play
▶▶: Fast forward
■: Stop
❚❚: Pause
●: To start recording (While pressing ●, press ▶)

12 ANT (antenna) TV/VTR button
Selects the output signal from the antenna terminal from the VCR, either a TV signal or VCR programs.

13 TV/VIDEO button
Selects the input signal to the TV set, either a TV signal of VCR programs.

14 VOL (volume) control buttons
Adjust the sound level.

15 MUTING button

16 TUNER PRESET buttons
+ : Selects the higher number.
− : Selects the lower number.

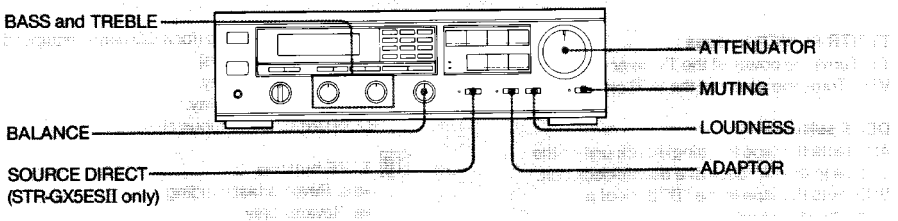
Note
- *When the CONTROL S OUT connector is connected to the CONTROL S IN connector of each piece of equipment, you can control the connected equipment using this remote commander* (See page 11).

Note on the ● (recording) button under VTR buttons (11)
If your VCR is of such type as pressing ● puts it in REC PAUSE mode, first press ● on this commander and then ❚❚.

Note on the DECK selector (2)
The tape A/B selector on the commander is usable for TC-WR950, etc. If you use another double deck with "control-S", you can operate one side of the deck.

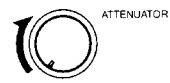
Audio Adjustment

For getting the optimum sound, you can adjust volume and sound quality using the functions below.

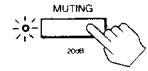


Volume adjustment

To adjust volume



To reduce the sound to a low level temporarily (–20 dB attenuation)
Press MUTING.
Press again to restore the same listening level as before.

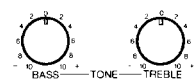


Balance adjustment

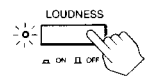
To change the relative strength of the right and left speaker output
Adjust BALANCE to correct stereo imaging, when the speaker position is not symmetrical.

Sound quality adjustment

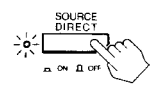
To adjust the tone quality
Adjust BASS or TREBLE for the optimum sound.



To reinforce the bass frequency response
Press LOUDNESS.
The lower the speaker output level is, the more bass frequency sound is emphasized.

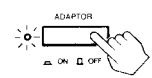


To bypass the tone control circuit, etc. (STR-GX5ESII only)
Press SOURCE DIRECT.
BASS and TREBLE tone controls, BALANCE control and LOUDNESS are bypassed.



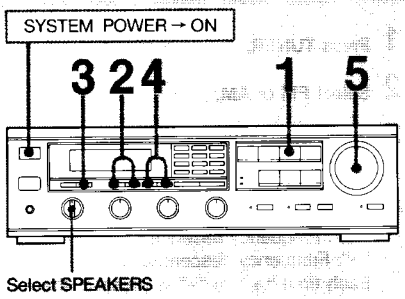
To adjust the sound quality using the equalizer, etc. connected to ADAPTOR jacks

Press ADAPTOR and operate the equalizer, etc. connected to ADAPTOR jacks.
Note
Be sure to set the ADAPTOR switch set to OFF when the adaptor jacks are not connected. Otherwise, sound cannot be heard.



Receiving FM/AM Broadcasts

Tuning in an FM Station Automatically—Automatic Tuning



1 **Press TUNER.**

2 **Press FM.**

3 **Press AUTO/MAN.**
(AUTO indicator appears.)

4 **Press "+" or "–" TUNING.**
"+": Starts frequency-ascending sweep.
"–": Starts frequency-descending sweep.
When a station is received, Automatic Tuning automatically stops.

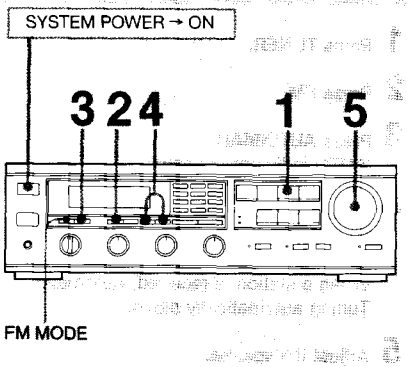
5 **Adjust the volume.**

When sweeping does not stop at the desired station
The signal strength is weak.
To stop sweeping, press AUTO/MAN again. AUTO indicator disappears and automatic tuning stops.
Then tune in the station as described in "Manual Tuning".

Signal strength
The SIGNAL indicator displays the signal strength of the received station.

When an FM stereo program is noisy or hard to receive
Press FM MODE. The STEREO indicator goes out (the sound is heard in monaural, but the reception will be improved). To return to the stereo mode, press the button again or tune in another station.

Tuning in an FM/AM Station Manually—Manual Tuning



1 **Press TUNER.**

2 **Select FM or AM.**

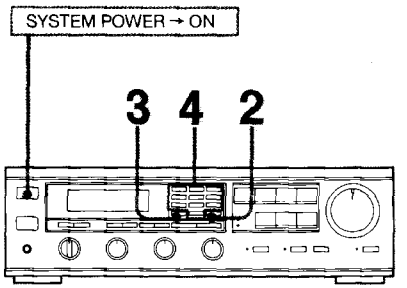
3 When AUTO indicator is displayed, **press AUTO/MAN.** (AUTO indicator disappears.)

4 **Press "+" or "–" TUNING.**
"+": Frequency ascends.
"–": Frequency descends.
Each time "+" or "–" is pressed, the frequency will change by 0.1 MHz at FM, 10 kHz at AM. To change the frequency continuously, keep the button pressed.

5 **Adjust the volume.**

Memorizing a Station

A total of 30 FM/AM stations can be memorized in any desired sequence.



1 **Tune in the desired station.** (See "Automatic Tuning" or "Manual Tuning".)

2 **Press the SHIFT to select the memory page (A, B or C).**
The memory pages (A, B and C) can be classified as follows.

Example 1
Memory page A: Rock music stations
Memory page B: Jazz music stations
Memory page C: Pop music stations

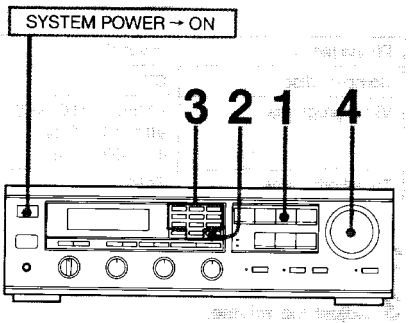
Example 2
Memory page A: FM stations
Memory page B: FM stations
Memory page C: AM stations

3 **Press MEMORY.**
MEMORY indicator appears for a few seconds.

4 **Press the desired numeric button (1 to 0), while the MEMORY indicator is displayed.**

Tuning in a Preset Station

Method A



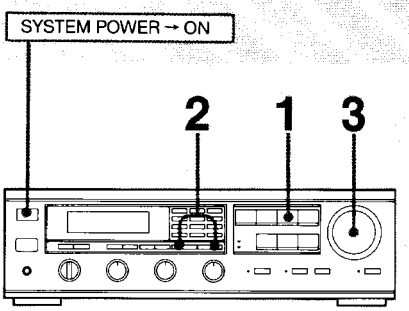
1 **Press TUNER.**

2 **Press SHIFT to select memory page (A, B or C).**

3 **Press the preset numeric button.**

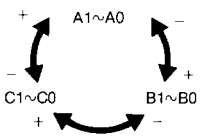
4 **Adjust the volume.**

Method B



1 **Press TUNER.**

2 **Press "+" or "–" PRESET.**
Each time you press "+" (or "–"), the preset station of the next higher (or lower) number is tuned in.



3 **Adjust the volume.**

Changing the AM tuning interval
The AM tuning interval is preset to 10 kHz. To use the receiver where the frequency allocation system is based on a 9 kHz interval, make the following adjustments.

1 Turn on the power and tune in any AM station.
2 Turn off the power.
3 Press SYSTEM POWER while pressing the "+" TUNING button.

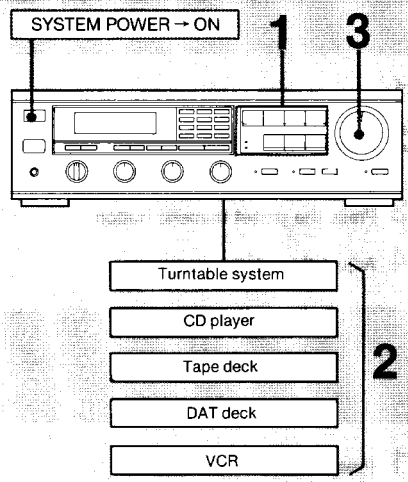
To reset the AM tuning interval, repeat the above steps.

Caution
When the interval is changed, all preset stations which you have memorized will be erased. After changing the interval, be sure to preset the stations again.

Replacing a preset station
Preset another station on the number of the station to be replaced. The previously preset station will be erased.

Note on Method B
If you keep pressing "+" (or "–"), preset stations are successively tuned in in the increasing (or decreasing) order of number. Release the button when the desired preset station is tuned in.

Listening to Program Sources Other than Broadcasts



1 Select the program source.

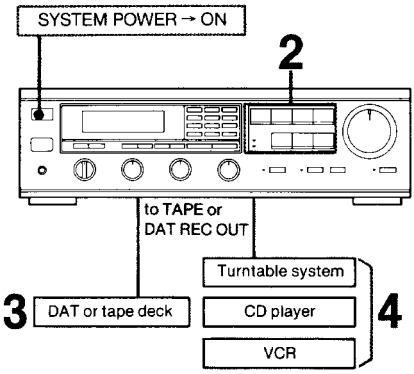
	FUNCTION
Phono record	PHONO
Compact disc	CD
Video programs	VIDEO (STR-GX4ES) VIDEO 1, 2/CDV (STR-GX5ESII)
Taped programs	TAPE
DAT programs	DAT

2 Start the program.

3 Adjust the volume.

Recording in an Audio Tape

Recording



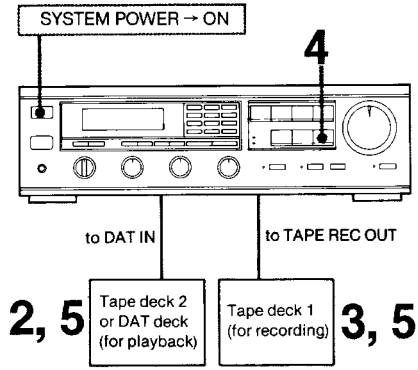
1 **Turn on the receiver and the equipment to be used.**

2 **Select the desired program source.**

3 **Set the DAT or tape deck in the recording mode.**

4 **Start the desired program source.**

Tape Dubbing



1 **Turn on the receiver and the equipment to be used.**

2 **Insert the recorded tape into tape deck 2 (or a DAT deck).**

3 **Insert a blank tape into tape deck 1 and adjust the recording level.**

4 **Press DAT.**

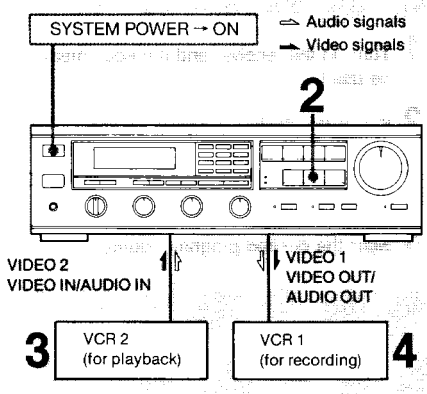
5 **Start the playback of tape deck 2 (or the DAT deck) and set tape deck 1 in the recording mode.**

Note on recording
The setting of the ATTENUATOR, BASS, TREBLE and BALANCE controls do not have any effect on recording.

Note on dubbing
You can dub an audio tape from tape deck 1 to tape deck 2 (or the DAT deck), if you connect tape deck 1 to TAPE IN and tape deck 2 to DAT REC OUT (select TAPE at the step 4 above).

Video Tape Editing (STR-GX5ESII only)

Video Tape Dubbing



1 Turn on the receiver and the equipment to be used.

2 Press VIDEO 2/CDV.

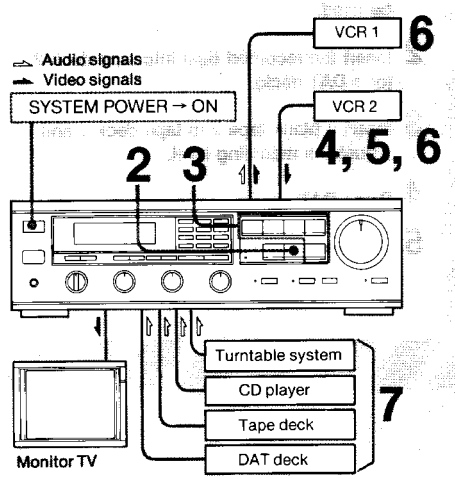
3 Set VCR 1 in the recording mode.

4 Set VCR 2 in the playback mode.

You can listen to the desired program source during video tape editing by selecting FUNCTION selectors.
When a video equipment is connected to the VIDEO 2 VIDEO IN/AUDIO IN jacks instead of the VCR 2, the video program can be recorded on VCR 1.

Adding new sound on a video tape during editing

During video tape editing, you can replace the sound previously recorded on a video tape with sound from another audio source, thus making your own personalized video tape.



1 Turn on the receiver and the equipment to be used.

2 Press VIDEO 2/CDV.

3 Press the FUNCTION to select the audio program source.

4 Insert a recorded tape into the VCR 2 and set it in the playback mode.

5 At the point where audio dubbing is to start, press the pause button on the VCR 2.

6 Release the pause mode of the VCR 2 and set the VCR 1 to the recording mode.

7 Start playing the selected audio program source.

Note
You cannot edit a video tape from VCR 1 to VCR 2.

Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 8-ohm load, both channel driven, from 20 – 20,000 Hz, rated 50 wattes (STR-GX4ES) or 80 wattes (STR-GX5ESII) per channel minimum RMS power, with no more than 0.08% (STR-GX4ES) or 0.08% (STR-GX5ESII) total harmonic distortion from 250 miliwatts to rated output.

Other Specifications

Amplifier section

Dynamic power output

STR-GX4ES
75 watts + 75 watts (8 ohms, at 1 kHz IHF)
100 watts + 100 watts (4 ohms, at 1 kHz IHF)
STR-GX5ESII
120 watts + 120 watts (8 ohms, at 1 kHz IHF)
180 watts + 180 watts (4 ohms, at 1 kHz IHF)

Harmonic distortion
Less than 0.08% at rated output

Frequency response
PHONO: RIAA equalization curve ±0.5 dB
CD,DAT,TAPE
VIDEO (AUDIO) 5 Hz –50 kHz $^{+0}_{-1}$ dB
ADAPTOR

Residual noise Less than 70μV (8 ohms, network A)
Damping factor 50 (8 ohms, 1 kHz)

Inputs

	Sensitivity	Impedance	S/N(weighting network, input level)
PHONO	2.5 mV	50 kilohms	87 dB 79 dB* (A, 2.5 mV)
CD VIDEO TAPE, DAT	150 mV	50 kilohms	105 dB 86 dB* (A, 150 mV)

*'78 IHF

Outputs
VIDEO AUDIO OUT, REC OUT
Voltage 150 mV, Impedance 10 kilohms
SPEAKER A, B
Accepts speakers of 8 – 16 ohms.
HEADPHONES
Accepts low and high impedance headphones.

Tone controls BASS: ±8 dB at 100 Hz
TREBLE: ±8 dB at 10 kHz

Muting –20 dB

Video section (STR-GX5ESII only)

Inputs VIDEO: 1 Vp-p, 75 ohms
Outputs VIDEO, MONITOR: 1 Vp-p, 75 ohms

Tuner section

	FM tuner section	AM tuner section
Tuning range	87.5 – 108 MHz	530 – 1,710 kHz (at 10 kHz interval) 531 – 1,710 kHz (at 9 kHz interval)
Antenna terminals	300 ohms, balanced 75 ohms, unbalanced	External antenna terminal, loop antenna
Intermediate frequency	10.7 MHz	450 kHz
Sensitivity at 50 dB quieting	18.3 dBf, 4.5μV (mono) 38.3 dBf, 45μV (stereo)	—
Usable sensitivity	11.2 dBf, 2μV (IHF)	Loop antenna: 50 dB/m (at 1,000 kHz)
Signal-to- noise ratio	80 dB (mono) 74 dB (stereo)	54 dB (at 50 mV/m)
Harmonic distortion	0.3% (mono), 0.5% (stereo) at 1 kHz	0.5% (at 50 mV/m, 400 Hz)
Selectivity	60 dB at 400 kHz	40 dB at 10 kHz 35 dB at 9 kHz
Separation	45 dB at 1 kHz	
Frequency response	30 Hz – 15 kHz $^{+0.5}_{-1.5}$ dB	
Capture ratio	1.5 dB	
AM suppression ratio	54 dB	
Image response ratio	80 dB	
IF response ratio	90 dB	
Spurious response ratio	100 dB	
RF intermodulation	65 dB (800 kHz)	
Auto tuning threshold	30 dBf	

General

System
Tuner section: PLL quartz-locked digital synthesizer system
Preamplifier section: low-noise NF type equalizer amp
Power amplifier section: pure-complementary SEPP

Power requirements
120 V AC, 60 Hz

Power consumption
STR-GX4ES: 95 watts
STR-GX5ESII: 150 watts

AC outlets Two switched (total 100 watts)

Dimensions Approx. 430 × 130 × 370 mm (w/h/d)
(17 × 5⅛ × 14½ inches)
including projecting parts and controls

Weight STR-GX4ES: Approx. 6.9 kg (15 lb 4 oz) net
STR-GX5ESII: Approx. 7.4 kg (16 lb 6 oz) net

Accessaries supplied
FM ribbon antenna (1)
AM loop antenna (1)
Remote Commander RM-U90 (1)
Sony battery SUM-3(NS)-(2 for the remote commander)

Design and specifications subject to change without notice.

Troubleshooting Guide

Before proceeding through the check list below, examine the connections and the procedures outlined the manual.

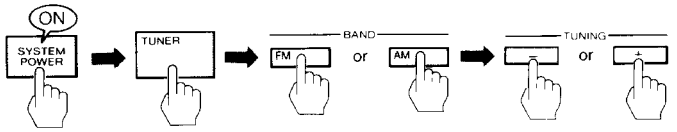
Should any problem persist after you have checked the following items, consult your nearest Sony dealer.

	Problem	Cause	Remedy
Amplifier	Sound is not heard.	The speaker or program source equipment is not connected correctly.	Connect the equipment correctly. (See pages 7 - 13.)
		The correct speakers is not selected with SPEAKERS selector.	Set the SPEAKERS selector correctly.
		The correct FUNCTION selector is not pressed.	Press the correct FUNCTION selector.
		The volume is set to minimum.	Increase the volume.
		The ADAPTOR is set to ON with the ADAPTOR jacks not connected.	Set the switch to OFF.
	One channel does not transmit audio, or the volume from the left and right speakers is unbalanced.	The BALANCE control is not set appropriately.	Adjust the BALANCE control.
		The speaker or program source is not connected correctly.	Connect the equipment correctly. (See pages 7 - 13.)
	There is an abrupt loss of sound from one or both of the speakers, and the [P] (Protection) indication flickers in the display window.	A short-circuit problem activates the protective circuit.	Turn off the receiver, eliminate the short-circuit problem and turn on the power again. If there is no short-circuit, consult your nearest Sony dealer.
	Sound transmitted from the speakers is reversed.	The speakers are not connected correctly.	Connect the right speaker to the R SPEAKER terminals and the left speaker to the L SPEAKER terminals.
	There is lack of bass sound or the instrument position is obscure.	The speakers are not connected correctly.	Connect the speaker with the correct ⊕ ⊖ polarities. (See page 7.)
	Severe hum or noise is heard.	The connecting cords are not of shielded type.	Use shielded type cords.
		A transformer, motor, TV or fluorescent light affects the connecting cord.	Place the connecting cords in a location away from a transformer or motor, and at least 3 meters (10 feet) from a TV set or a fluorescent light.
		The audio components are too close to a TV set.	If both are used at the same time, separate the TV from the audio components.
		The receiver is not grounded.	Connect the ground wire to the antenna ground terminal.
		The connections are loose.	Make secure connections.
		The plugs and jacks are dirty.	Wipe the plugs and jacks with a cloth lightly dampened with alcohol.

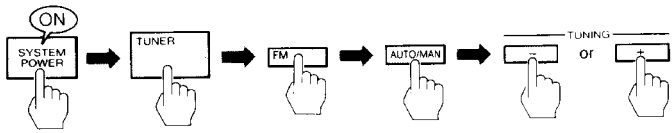
Broadcast program	STEREO indicator flickers or does not appear when receiving stereo programs.	A very weak FM station or a noisy FM program is received.	Adjust the antenna or connect an external FM antenna.
			Press the FM MODE button to disengage the stereo mode.
	The desired station cannot be found during Automatic Tuning.	The signal strength is too weak for Automatic Tuning.	Adjust the antenna.
			Tune in the station with the Manual Tuning system. (See page 19.)
	Preset stations cannot be tuned in.	The stations have not been memorized.	Memorize the stations. (See page 20.)
	AM station cannot be tuned in.	The AM tuning interval is set incorrectly.	Change the tuning interval according to the AM frequency allocation system of your country. (See page 21.)
Video program	Picture does not appear (STR-GX5ESII only).	VCR, TV tuner or TV connection is not correct.	Connect the equipment correctly. (See pages 12 and 13.)
		The TV is not turned on.	Turn the TV on.
Remote commander	The remote commander does not operate.	The batteries are exhausted.	Replace the batteries with new one.
		There is any object between the unit and the commander head.	Remove the object.

Quick Reference

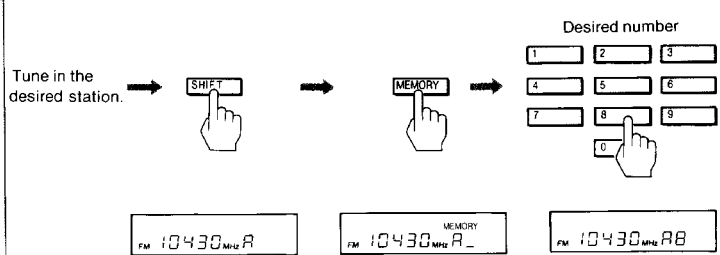
Tuning in an FM station automatically



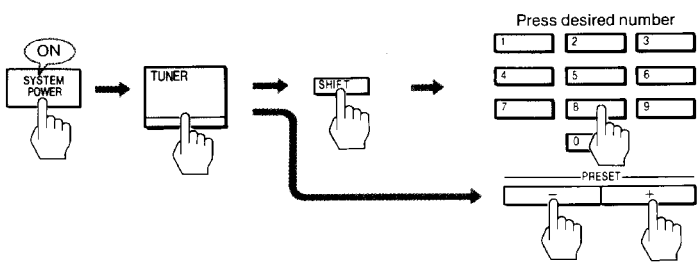
Tuning in an FM/AM station manually



Memorizing a station



Tuning a preset station



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